

Application No. 10/776,784

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A safety lock for an openable closing-off device, comprising:

an actuating unit and a locking unit

the actuating unit comprising an actuator which is guided in a displaceable manner and pushable into the locking unit, the actuator, with the closing-off device closed, is lockable therein via an electromagnetically actuatable, pivotable catch, by way of interengaging engagement surfaces,

wherein the actuator comprises a trigger element,

wherein the locking unit comprises a response element which, with the actuator pushed in, reacts to the trigger element by emitting an electric signal which triggers the locking action,

wherein the catch is pivotable about an axis extending parallel to the movement direction of the actuator, and

wherein the engagement surfaces of the catch and of the actuator run perpendicularly to the movement direction and the engagement surfaces of the catch are provided on a lateral side of the catch in the direction of its latching pivotization.

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2. (Original) The safety lock of Claim 1, wherein the actuator is latchable in a predetermined position in the locking unit by a latching device.
3. (Original) The safety lock of Claim 1, wherein a sensor device is provided for sensing the position of the catch.
4. (Original) The safety lock of Claim 3, wherein the sensor device comprises at least one fork-type light barrier.
5. (Original) The safety lock of Claim 1, wherein the engagement surfaces of the catch and of the actuator comprise complementary grooves and ribs.
6. (Original) The safety lock of Claim 1, wherein the engagement-surface arrangement of the catch is mirror-symmetrical in a direction perpendicular to the movement direction of the actuator.
7. (Original) The safety lock of Claim 1, wherein the locking device has a housing which has accommodating openings for fastening screws in the centre of the longitudinal centre plane of the housing.
8. (Original) The safety lock of Claim 7, wherein the accommodating openings are designated as slots in the movement direction of the actuator.
9. (Original) The safety lock of Claim 1, wherein the actuator unit has a housing which can be fitted such that it can be adjusted in position in relation to the locking unit.

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10. (Original) The safety lock of Claim 9, wherein the housing has slots which accommodate sliding blocks, with the result that the housing can be displaced in relation to the sliding blocks.

11. (Original) The safety lock of Claim 1, wherein the locking unit has a housing which, at least on one side, has a slot which is intended for the introduction of the actuator and the height of which is considerably greater than the height of the actuator.

12. (Original) The safety lock of Claim 11, wherein the locking unit is provided in a mirror-symmetrical manner and is further provided with a housing having slots which are located on opposite sides of the housing and are intended for the introduction of the actuator.

13. (Original) The safety lock of Claim 1, wherein the locking unit has an insert which is inserted into its housing, in which the catch is mounted in a pivotable manner and which forms a channel for the actuator.

14. (Original) The safety lock of Claim 1, wherein a housing, which accommodates the actuator, has a trigger element and the locking unit has, in its housing, an associated response element.